

SYSTEM AND METHOD FOR PROVIDING AUTOMATIC DATA
RESTORATION AFTER A STORAGE DEVICE FAILURE

ABSTRACT OF THE DISCLOSURE

A system and method for providing automatic data restoration after a storage device failure are disclosed. An agent module detects a failure at a logical unit located at a primary storage device. The agent module locates backup data from the failed logical unit that is stored on a backup storage device and transfers the backup data from the backup storage device to a spare logical unit located on the primary storage device. The agent module then maps the spare logical unit to an address associated with a host in response to detecting the failure at the logical unit.